

Appl. No. 09/675,756
Amdt. Dated 07/25/2005
Reply to Final Office Action of April 25, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method comprising:
registering information with a service provider, the information including a preferred order of edge servers for routing content to a viewer;
receiving a request by the viewer for the content; and
in response to the viewer requesting the content, selecting one of the edge servers to be a selected edge server to receive and to transmit the content to the viewer via a network.
2. (Currently Amended) The method of claim 1 wherein the registering of the information comprises registering addresses of each of the edge servers with the service provider.
3. (Cancelled).
4. (Currently Amended) The method of claim 2 wherein the information further ~~comprising~~ comprises a unique identifier (ID).
5. (Original) The method of claim 4 wherein the unique (ID) is one of a global user ID number, a network interface card (NIC) serial number, and a number provided by the service.
6. (Currently Amended) The method of claim 2 further comprising receiving a registration number along with the request, the registration number being assigned by the service provider and used to select the selected edge server.
7. (Cancelled).
8. (Cancelled).
9. (Cancelled).

Appl. No. 09/675,756

Amdt. Dated 07/25/2005

Reply to Final Office Action of April 25, 2005

10. (Currently Amended) The method of claim 1 wherein the information comprises a plurality of addresses corresponding to each of the edge servers.

11. (Original) The method of claim 1 further comprising updating the information.

12. (Original) The method of claim 1 wherein the information is geographic information of the viewer.

13. (Original) The method of 1 further comprising storing a server location at a viewer location.

14. (Currently Amended) The method of claim 1 further comprising storing the information in a text file, the information being given to a browser by the selected edge server.

15. (Currently Amended) The method of claim 14 further comprising sending the text file to the edge server when a page is requested from the edge server.

16. (Original) The method of claim 14 wherein the text file is a cookie identifying a viewer.

17. (Cancelled).

18. (Original) The method of claim 1 wherein the network is one of a Local Area network (LAN) and a Wide Area Network (WAN).

19. (Original) The method of claim 1 wherein the network is a network indicating a type of a connection.

20. (Original) The method of claim 19 where the type is one of a Dense Wavelength Division Multiplexing (WDM), a Asynchronous Transfer Mode (ATM), an Ethernet, and a dial up modem.

21. (Currently Amended) A computer program product comprising:
a machine useable medium having computer program code embedded therein, the computer program product having:

Appl. No. 09/675,756
Amdt. Dated 07/25/2005
Reply to Final Office Action of April 25, 2005

computer readable program code for registering a plurality of edge servers with a service provider and for receiving information, from a viewer requesting multimedia information, identifying the plurality of edge servers to route the multimedia information to the viewer;

computer readable program code for selecting an edge server of the plurality of edge servers based on the received information; and

computer readable program code for transmitting the multimedia information from the selected edge server to a viewer via a network.

22. (Cancelled).

23. (Original) The computer program product of claim 21 wherein the information comprises an address.

24. (Currently Amended) The computer program product of claim 23 wherein the information further ~~comprising~~ comprises a unique identifier (ID).

25. (Previously Presented) The computer program product of claim 24 wherein the unique (ID) is one of a global user ID number, and a network interface card (NIC) serial number.

26. (Previously Presented) The computer program product of claim 21 further comprising computer readable program code for receiving a registration number from a service provider, the registration number being provided by the viewer when requesting the multimedia information.

27. (Original) The computer program product of claim 21 wherein receiving the information comprises computer readable program code for gathering one of a local information and a viewer location.

28. (Previously Presented) The computer program product of claim 27 further comprising computer readable program code for confirming the viewer location.

29. (Previously Presented) The computer program product of claim 21 wherein the information comprises a plurality of addresses.

Appl. No. 09/675,756
Amdt. Dated 07/25/2005
Reply to Final Office Action of April 25, 2005

30. (Currently Amended) The computer program product of claim 29 wherein the plurality of addresses correspond to a plurality of edge servers.

31. (Original) The computer program product of claim 21 further comprising computer readable program code for updating the information.

32. (Original) The computer program product of claim 21 wherein the information is geographic information of the viewer.

33. (Original) The computer program product of 21 further comprising computer readable program code for storing a server location at a viewer location.

34. (Currently Amended) The computer program product of claim 21 further comprising computer readable program code for storing the information in a text file, the information being given to a browser by the edge server.

35. (Currently Amended) The computer program product of claim 34 further comprising computer readable program code for sending the text file to the edge server when a page is requested from the edge server.

36. (Original) The computer program product of claim 34 wherein the text file is a cookie identifying a viewer.

37. (Cancelled).

38. (Original) The computer program product of claim 31 wherein the network is one of a Local Area network (LAN) and a Wide Area Network (WAN).

39. (Original) The computer program product of claim 31 wherein the network is a network indicating a type of a connection.

40. (Original) The computer program product of claim 39 where the type is one of a Dense Wavelength Division Multiplexing (WDM), a Asynchronous Transfer Mode (ATM), an Ethernet, and a dial up modem.

Appl. No. 09/675,756
Amdt. Dated 07/25/2005
Reply to Final Office Action of April 25, 2005

41. (Currently Amended) An apparatus comprising:

a receiver to receive information to identify a plurality of edge servers selected by a viewer for routing information to the viewer and to register the plurality of edge servers with a service provider;

a selector coupled to the receiver to select an edge server of the plurality of edge servers based on the received information; and

a transmitter coupled to the selector to transmit multimedia information from the selected edge server to the viewer via a network.

42. (Cancelled).

43. (Previously Presented) The apparatus of claim 41 wherein the information comprises an address.

44. (Original) The apparatus of claim 43 wherein the information further comprises a unique identifier (ID).

45. (Previously Presented) The apparatus of claim 44 wherein the unique (ID) is one of a global user ID number and a network interface card (NIC) serial number.

46. (Previously Presented) The apparatus of claim 41 wherein the received information comprises a registration number obtained by the viewer from the service provider and provided by the viewer when requesting the multimedia information.

47. (Cancelled).

48. (Cancelled).

49. (Original) The apparatus of claim 41 wherein the information comprises information on a plurality of addresses.

50. (Currently Amended) The apparatus of claim 49 wherein the plurality of addresses corresponds to the plurality of edge servers.

Appl. No. 09/675,756
Amdt. Dated 07/25/2005
Reply to Final Office Action of April 25, 2005

51. (Cancelled).

52. (Original) The apparatus of claim 41 wherein the information is geographic information of the viewer.

53-80. (Cancelled).